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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Patent Application of: |) | Group Art Unit: 1631 |
| |) | |
| McDONOUGH <i>et al.</i> |) | Examiner: Marschel, A. |
| |) | |
| Serial No. 08/480,472 |) | Atty. Docket No. GP034-03.DV1 |
| |) | |
| Filed: June 6, 1995 |) | Confirmation No. 9286 |
| |) | |
| For: NUCLEIC ACID SEQUENCE |) | VIA FACSIMILE |
| AMPLIFICATION |) | |

REPLY UNDER 37 C.F.R. § 1.111

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Examiner's Office Action mailed on June 16, 2004, kindly consider the following remarks in connection with the above-captioned application.

Remarks

Claims 39-42, 48-51, 54-56, 67-73, 75, 78-80, 82-84, 86, 88-90, 92, 93, 95, 96, 98-162, 164-174, 176-213 and 216-231 are presently pending in the subject application. Claims 42, 55, 56, 75, 78-80, 82, 83, 95, 96, 100-149, 151-157, 164-167, 169-172, 174, 177-179, 185, 187-191, 195, 196, 199-203, 216-221 and 227-231 are allowed. Claims 39-41, 67-73, 84, 86, 88-90, 92, 98, 150, 158-162, 168, 173, 176, 180-184, 186, 192-194, 197, 198, 204-213 and 222-226 are rejected. And claims 48-51, 54, 93 and 99 are objected to for depending from a rejected base claim(s).

Rejection Under 35 U.S.C. § 103

Claims 39-41, 67-73, 84, 86, 88-90, 92, 98, 150, 158-162, 168, 173, 176, 180-184, 186, 192-194, 197, 198, 204-213 and 222-226 stand rejected by the Examiner under 35 U.S.C. § 103(a) as being unpatentable over Boddinghaus *et al.* (*J. Clin. Microbiol.* (1990) 28:1751), taken in